

# Natalie Colabianchi

## List of Publications by Year in descending order

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Version: 2024-02-01

124  
papers

3,878  
citations

136740

32  
h-index

143772

57  
g-index

126  
all docs

126  
docs citations

126  
times ranked

5418  
citing authors

#	ARTICLE	IF	CITATIONS
1	Patterns of Sedentary Behavior and Mortality in U.S. Middle-Aged and Older Adults. <i>Annals of Internal Medicine</i> , 2017, 167, 465.	2.0	376
2	Measuring Physical Environments of Parks and Playgrounds: EAPRS Instrument Development and Inter-Rater Reliability. <i>Journal of Physical Activity and Health</i> , 2006, 3, S190-S207.	1.0	177
3	Validation of 3 Food Outlet Databases: Completeness and Geospatial Accuracy in Rural and Urban Food Environments. <i>American Journal of Epidemiology</i> , 2010, 172, 1324-1333.	1.6	169
4	A Prospective Study of Cardiorespiratory Fitness and Risk of Type 2 Diabetes in Women. <i>Diabetes Care</i> , 2008, 31, 550-555.	4.3	154
5	Factors That Predict the Referral of Breast Cancer Patients Onto Clinical Trials by Their Surgeons and Medical Oncologists. <i>Journal of Clinical Oncology</i> , 2000, 18, 1203-1211.	0.8	143
6	Patterns of Sedentary Behavior in US Middle-Age and Older Adults. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 430-438.	0.2	130
7	Doctor-patient communication patterns in breast cancer adjuvant therapy discussions. <i>Health Expectations</i> , 2000, 3, 26-36.	1.1	107
8	Factors associated with development of excessive fatness in children and adolescents: a review of prospective studies. <i>Obesity Reviews</i> , 2013, 14, 645-658.	3.1	102
9	Cardiorespiratory Fitness as a Predictor of Fatal and Nonfatal Stroke in Asymptomatic Women and Men. <i>Stroke</i> , 2008, 39, 2950-2957.	1.0	83
10	Laryngeal Cancer and Gastroesophageal Reflux Disease: A Case-Control Study. <i>American Journal of Medicine</i> , 2006, 119, 768-776.	0.6	78
11	Towards an understanding of salient neighborhood boundaries: adolescent reports of an easy walking distance and convenient driving distance. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2007, 4, 66.	2.0	77
12	Utilization and physical activity levels at renovated and unrenovated school playgrounds. <i>Preventive Medicine</i> , 2009, 48, 140-143.	1.6	72
13	Identifying accelerometer nonwear and wear time in older adults. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2013, 10, 120.	2.0	70
14	Cardiorespiratory Fitness as a Predictor of Dementia Mortality in Men and Women. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 253-259.	0.2	68
15	Muscular Strength and Incident Hypertension in Normotensive and Prehypertensive Men. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 288-295.	0.2	67
16	Physical Activity and Neighborhood Resources in High School Girls. <i>American Journal of Preventive Medicine</i> , 2008, 34, 413-419.	1.6	60
17	Features and amenities of school playgrounds: A direct observation study of utilization and physical activity levels outside of school time. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2011, 8, 32.	2.0	58
18	Effectiveness of Abstinence-only Intervention in Middle School Teens. <i>American Journal of Health Behavior</i> , 2005, 29, 423-434.	0.6	55

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19	Association Between Objectively Measured Physical Activity and Cognitive Function in Older Adults—The Reasons for Geographic and Racial Differences in Stroke Study. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 2447-2454.	1.3	55
20	Characterizing the Food Retail Environment: Impact of Count, Type, and Geospatial Error in 2 Secondary Data Sources. <i>Journal of Nutrition Education and Behavior</i> , 2013, 45, 435-442.	0.3	52
21	Is GERD a Risk Factor for Laryngeal Cancer?. <i>Laryngoscope</i> , 2005, 115, 486-491.	1.1	51
22	Accelerometer measured sedentary behavior and physical activity in white and black adults: The REGARDS study. <i>Journal of Science and Medicine in Sport</i> , 2016, 19, 336-341.	0.6	47
23	Potential Effects on Mortality of Replacing Sedentary Time With Short Sedentary Bouts or Physical Activity: A National Cohort Study. <i>American Journal of Epidemiology</i> , 2019, 188, 537-544.	1.6	46
24	Gastroesophageal reflux and laryngeal cancer: causation or association? A critical review. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2006, 27, 119-128.	0.6	45
25	Adolescent self-defined neighborhoods and activity spaces: Spatial overlap and relations to physical activity and obesity. <i>Health and Place</i> , 2014, 27, 22-29.	1.5	45
26	Co-varying Patterns of Physical Activity and Sedentary Behaviors and Their Long-Term Maintenance Among Adolescents. <i>Journal of Physical Activity and Health</i> , 2010, 7, 465-474.	1.0	44
27	Environmental influences on fruit and vegetable intake: results from a path analytic model. <i>Public Health Nutrition</i> , 2014, 17, 2595-2604.	1.1	43
28	Affective Responses to Intermittent Physical Activity in Healthy Weight and Overweight/Obese Elementary School-Age Children. <i>Journal of Physical Activity and Health</i> , 2017, 14, 845-851.	1.0	43
29	Change in Children's Physical Activity: Predictors in the Transition From Elementary to Middle School. <i>American Journal of Preventive Medicine</i> , 2019, 56, e65-e73.	1.6	42
30	The Results of the "Positive Action for Today's Health" (PATH) Trial for Increasing Walking and Physical Activity in Underserved African-American Communities. <i>Annals of Behavioral Medicine</i> , 2015, 49, 398-410.	1.7	39
31	One size doesn't fit all: cross-sectional associations between neighborhood walkability, crime and physical activity depends on age and sex of residents. <i>BMC Public Health</i> , 2017, 17, 97.	1.2	39
32	Referral of Breast Cancer Patients to Medical Oncologists After Initial Surgical Management. <i>Medical Care</i> , 2000, 38, 696-704.	1.1	37
33	Scale effects in food environment research: Implications from assessing socioeconomic dimensions of supermarket accessibility in an eight-county region of South Carolina. <i>Applied Geography</i> , 2016, 68, 20-27.	1.7	33
34	Walk Score and objectively measured physical activity within a national cohort. <i>Journal of Epidemiology and Community Health</i> , 2019, 73, 549-556.	2.0	32
35	An evaluation of edge effects in nutritional accessibility and availability measures: a simulation study. <i>International Journal of Health Geographics</i> , 2010, 9, 40.	1.2	31
36	A Prospective Study of Fasting Plasma Glucose and Risk of Stroke in Asymptomatic Men. <i>Mayo Clinic Proceedings</i> , 2011, 86, 1042-1049.	1.4	31

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37	Testâ€“retest reliability of a questionnaire measuring perceptions of neighborhood food environment. <i>Health and Place</i> , 2013, 21, 65-69.	1.5	31
38	Examining the Impact of the Walking School Bus With an Agent-Based Model. <i>American Journal of Public Health</i> , 2014, 104, 1196-1203.	1.5	31
39	Older Adultsâ€™ Perceptions of Physical Activity and Cognitive Health: Implications for Health Communication. <i>Health Education and Behavior</i> , 2011, 38, 15-24.	1.3	30
40	Neighborhood racial residential segregation and changes in health or death among older adults. <i>Health and Place</i> , 2013, 19, 80-88.	1.5	30
41	Adult use of cigars, little cigars, and cigarillos in Cuyahoga County, Ohio: A cross-sectional study. <i>Nicotine and Tobacco Research</i> , 2010, 12, 669-673.	1.4	29
42	Obtaining Accelerometer Data in a National Cohort of Black and White Adults. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1531-1537.	0.2	29
43	Do people really know what food retailers exist in their neighborhood? Examining GIS-based and perceived presence of retail food outlets in an eight-county region of South Carolina. <i>Spatial and Spatio-temporal Epidemiology</i> , 2015, 13, 31-40.	0.9	29
44	The Eating Identity Type Inventory (EITI). Development and associations with diet. <i>Appetite</i> , 2013, 69, 15-22.	1.8	28
45	What features of the built environment matter most for mobility? Using wearable sensors to capture real-time outdoor environment demand on gait performance. <i>Gait and Posture</i> , 2019, 68, 437-442.	0.6	28
46	School Wellness Policies and Foods and Beverages Available in Schools. <i>American Journal of Preventive Medicine</i> , 2013, 45, 143-149.	1.6	27
47	Physical Activity Breaks and Facilities in <sc>US</sc> Secondary Schools. <i>Journal of School Health</i> , 2014, 84, 697-705.	0.8	27
48	Physical Activity Measures in the Healthy Communities Study. <i>American Journal of Preventive Medicine</i> , 2015, 49, 653-659.	1.6	26
49	Availability of Drinking Water in US Public School Cafeterias. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2014, 114, 1389-1395.	0.4	25
50	Park Use in Low-Income Urban Neighborhoods: Who Uses the Parks and Why?. <i>Journal of Urban Health</i> , 2018, 95, 222-231.	1.8	25
51	Effectiveness of abstinence-only intervention in middle school teens. <i>American Journal of Health Behavior</i> , 2005, 29, 423-34.	0.6	24
52	The Effect of Perceived and Structural Neighborhood Conditions on Adolescents' Physical Activity and Sedentary Behaviors. <i>JAMA Pediatrics</i> , 2010, 164, 935-42.	3.6	23
53	Pathways through which higher neighborhood crime is longitudinally associated with greater body mass index. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017, 14, 155.	2.0	23
54	The Associations Between Park Environments and Park Use in Southern US Communities. <i>Journal of Rural Health</i> , 2014, 30, 369-378.	1.6	22

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55	Improved Street Walkability, Incivilities, and Esthetics Are Associated with Greater Park Use in Two Low-Income Neighborhoods. <i>Journal of Urban Health</i> , 2020, 97, 204-212.	1.8	22
56	Impact of Coordinated-Bilateral Physical Activities on Attention and Concentration in School-Aged Children. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	21
57	The influence of powered prostheses on user perspectives, metabolics, and activity: a randomized crossover trial. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021, 18, 49.	2.4	21
58	Neighborhood active aging infrastructure and cognitive function: A mixed-methods study of older Americans. <i>Preventive Medicine</i> , 2021, 150, 106669.	1.6	21
59	Association of Accelerometer-Measured Sedentary Time and Physical Activity With Risk of Stroke Among US Adults. <i>JAMA Network Open</i> , 2022, 5, e2215385.	2.8	21
60	Neighborhood Socioeconomic Status and Trajectories of Physical Health-Related Quality of Life Among Stroke Survivors. <i>Stroke</i> , 2019, 50, 3191-3197.	1.0	20
61	Use of audio-enhanced personal digital assistants for school-based data collection. <i>Journal of Adolescent Health</i> , 2005, 37, 296-305.	1.2	19
62	Geographic measures of retail food outlets and perceived availability of healthy foods in neighbourhoods. <i>Public Health Nutrition</i> , 2016, 19, 1368-1374.	1.1	19
63	The Whole-of-School Approach to Physical Activity. <i>American Journal of Preventive Medicine</i> , 2015, 49, 387-394.	1.6	18
64	Neighborhood Socioeconomic Status and Stroke Incidence. <i>Neurology</i> , 2021, 96, 897-907.	1.5	18
65	Spatial accessibility and availability measures and statistical properties in the food environment. <i>Spatial and Spatio-temporal Epidemiology</i> , 2011, 2, 35-47.	0.9	17
66	After-school setting, physical activity, and sedentary behavior in 5th grade boys and girls. <i>Health and Place</i> , 2012, 18, 951-955.	1.5	17
67	Results from a natural experiment: initial neighbourhood investments do not change objectively-assessed physical activity, psychological distress or perceptions of the neighbourhood. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019, 16, 29.	2.0	16
68	Living in High-SES Neighborhoods Is Protective against Obesity among Higher-Income Children but Not Low-Income Children: Results from the Healthy Communities Study. <i>Journal of Urban Health</i> , 2020, 97, 175-190.	1.8	16
69	A Randomized Controlled Trial for the Primary Prevention of Osteoporosis Among Preadolescent Girl Scouts: 1-Year Outcomes of a Behavioral Program. <i>Journal of Pediatric Psychology</i> , 2005, 30, 155-165.	1.1	14
70	Profits, Commercial Food Supplier Involvement, and School Vending Machine Snack Food Availability: Implications for Implementing the New Competitive Foods Rule. <i>Journal of School Health</i> , 2014, 84, 451-458.	0.8	12
71	Moderating effect of the neighbourhood physical activity environment on the relation between psychosocial factors and physical activity in children: a longitudinal study. <i>Journal of Epidemiology and Community Health</i> , 2019, 73, 598-604.	2.0	12
72	Neighborhood Walkability as a Predictor of Incident Hypertension in a National Cohort Study. <i>Frontiers in Public Health</i> , 2021, 9, 611895.	1.3	12

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73	Stepping It Up: Walking Behaviors in Children Transitioning from 5th to 7th Grade. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 262.	1.2	11
74	Can Neighborhood Social Infrastructure Modify Cognitive Function? A Mixed-Methods Study of Urban-Dwelling Aging Americans. <i>Journal of Aging and Health</i> , 2021, 33, 772-785.	0.9	11
75	Weight Preoccupation as a Function of Observed Physical Attractiveness: Ethnic Differences Among Normal-Weight Adolescent Females. <i>Journal of Pediatric Psychology</i> , 2006, 31, 803-812.	1.1	10
76	Where are Children Active and Does it Matter for Physical Activity? A Latent Transition Analysis. <i>Journal of Physical Activity and Health</i> , 2016, 13, 1294-1300.	1.0	10
77	Protocol for a two-cohort randomized cluster clinical trial of a motor skills intervention: The Promoting Activity and Trajectories of Health (PATH) Study. <i>BMJ Open</i> , 2020, 10, e037497.	0.8	10
78	Neighborhood Participation Is Less Likely among Older Adults with Sidewalk Problems. <i>Journal of Aging and Health</i> , 2021, 33, 101-113.	0.9	10
79	Sex Differences in the Relationship between Park Proximity and Features and Child and Youth Physical Activity. <i>Children, Youth and Environments</i> , 2016, 26, 56.	0.1	9
80	The power of social networks and social support in promotion of physical activity and body mass index among African American adults. <i>SSM - Population Health</i> , 2018, 4, 327-333.	1.3	9
81	College expectations in high school mitigate weight gain over early adulthood: Findings from a national study of American youth. <i>Obesity</i> , 2013, 21, 1321-1327.	1.5	8
82	Validity of environmental audits using GigaPan® and Google Earth Technology. <i>International Journal of Health Geographics</i> , 2018, 17, 26.	1.2	8
83	The role of the built environment, food prices and neighborhood poverty in fruit and vegetable consumption: An instrumental variable analysis of the moving to opportunity experiment. <i>Health and Place</i> , 2021, 67, 102491.	1.5	8
84	Longitudinal Associations Between Psychosocial, Home, and Neighborhood Factors and Children's Physical Activity. <i>Journal of Physical Activity and Health</i> , 2020, 17, 306-312.	1.0	8
85	A longitudinal examination of objective neighborhood walkability, body mass index, and waist circumference: the REasons for Geographic And Racial Differences in Stroke study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2022, 19, 17.	2.0	8
86	Do GIS-derived measures of fast food retailers convey perceived fast food opportunities? Implications for food environment assessment. <i>Annals of Epidemiology</i> , 2017, 27, 27-34.	0.9	7
87	Acute Effect of Intermittent Exercise and Action-Based Video Game Breaks on Math Performance in Preadolescent Children. <i>Pediatric Exercise Science</i> , 2018, 30, 326-334.	0.5	7
88	Acute Compensatory Responses to Interrupting Prolonged Sitting With Intermittent Activity in Preadolescent Children. <i>Pediatric Exercise Science</i> , 2018, 30, 259-265.	0.5	7
89	Neighborhood Socioeconomic Deprivation Associated with Fat Mass and Weight Status in Youth. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6421.	1.2	7
90	Objectively Measured Physical Activity and Sedentary Time Among Adults With and Without Stroke: A National Cohort Study. <i>Stroke</i> , 2021, 52, e729-e732.	1.0	7

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91	Device-measured sedentary behavior in oldest old adults: A systematic review and meta-analysis. Preventive Medicine Reports, 2021, 23, 101405.	0.8	7
92	Pedestrian Activity Among California Adults. Journal of Physical Activity and Health, 2009, 6, 15-23.	1.0	6
93	Associations among Neighborhood Socioeconomic Deprivation, Physical Activity Facilities, and Physical Activity in Youth during the Transition from Childhood to Adolescence. International Journal of Environmental Research and Public Health, 2019, 16, 3703.	1.2	6
94	The Role of the Neighborhood Social Environment in Physical Activity among Hispanic Children: Moderation by Cultural Factors and Mediation by Neighborhood Norms. International Journal of Environmental Research and Public Health, 2020, 17, 9527.	1.2	6
95	Risk Factors for COVID-19 in College Students Identified by Physical, Mental, and Social Health Reported During the Fall 2020 Semester: Observational Study Using the Roadmap App and Fitbit Wearable Sensors. JMIR Mental Health, 2022, 9, e34645.	1.7	6
96	Physical Activity and Cognitive-Health Content in Top-Circulating Magazines, 2006â€“2008. Journal of Aging and Physical Activity, 2011, 19, 147-168.	0.5	5
97	Value of Audio-Enhanced Handheld Computers Over Paper Surveys With Adolescents. American Journal of Health Behavior, 2013, 37, 62-69.	0.6	5
98	Promoting physical activity in out-of-school-time programs: We built the bridgeâ€”Can we walk over it?. Preventive Medicine, 2014, 69, S114-S116.	1.6	5
99	Perceptions of the Neighborhood Environment and Childrenâ€™s Afterschool Moderate-to-Vigorous Physical Activity. Pediatric Exercise Science, 2015, 27, 243-251.	0.5	5
100	The effects of interrupting prolonged sitting with intermittent activity on appetite sensations and subsequent food intake in preadolescent children. PLoS ONE, 2017, 12, e0188986.	1.1	5
101	Built environment exposures of adults in the moving to opportunity experiment. Housing Studies, 2020, 35, 703-719.	1.6	5
102	The Association between Residence in a Food Desert Census Tract and Adherence to Dietary Patterns in the REGARDS Cohort. Food and Public Health, 2018, 8, 79-85.	2.0	5
103	Functional status decline as a measure of adverse events in home health care: an observational study. BMC Health Services Research, 2006, 6, 162.	0.9	4
104	Examining the Role of Churches in Adolescent Girlsâ€™ Physical Activity. Journal of Physical Activity and Health, 2011, 8, 227-233.	1.0	4
105	An audit tool for longitudinal assessment of the health-related characteristics of urban neighborhoods: implementation methods and reliability results. BMC Public Health, 2020, 20, 1519.	1.2	4
106	Comparative assessment of ActiGraph data processing techniques for measuring sedentary behavior in adults with COPD. Physiological Measurement, 2021, 42, 085006.	1.2	4
107	Patterning of Physical Activity and Sedentary Behavior at and Away from School in Preadolescent Children. American Journal of Health Education, 2021, 52, 48-55.	0.3	4
108	Does the built environment matter for physical activity?. Current Cardiovascular Risk Reports, 2009, 3, 302-307.	0.8	3

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109	Reliability and validity of environmental audits using GigaPan® technology in parks. <i>Preventive Medicine Reports</i> , 2019, 13, 293-297.	0.8	3
110	Virtual audits of the urban streetscape: comparing the inter-rater reliability of GigaPan® to Google Street View. <i>International Journal of Health Geographics</i> , 2020, 19, 31.	1.2	3
111	Associations between body mass index, physical activity and the built environment in disadvantaged, minority neighborhoods: Predictive validity of GigaPan® imagery. <i>Journal of Transport and Health</i> , 2020, 17, 100867.	1.1	3
112	Matching participant address with public records database in a US national longitudinal cohort study. <i>SSM - Population Health</i> , 2021, 15, 100887.	1.3	3
113	The Relationship Between Environmental Exposures and Post-Stroke Physical Activity. <i>American Journal of Preventive Medicine</i> , 2022, 63, 251-261.	1.6	3
114	Youth Physical Activity Resource Use and Activity Measured by Accelerometry. <i>American Journal of Health Behavior</i> , 2011, 35, 219-27.	0.6	2
115	PSYCHOMETRIC ANALYSIS OF A SCALE TO ASSESS PARTICULARIZED TRUST IN FAMILIES AND COMMUNITY- AND CONGREGATION-BASED GROUPS. <i>Journal of Community Psychology</i> , 2015, 43, 227-243.	1.0	2
116	Using a Mobile Phone App to Analyze the Relationship Between Planned and Performed Physical Activity in University Students: Observational Study. <i>JMIR MHealth and UHealth</i> , 2021, 9, e17581.	1.8	2
117	Impact of Rental Assistance on Modifiable Health Risk Factors and Behaviors in Adults. <i>Cityscape</i> , 2018, 20, 133-144.	0.7	2
118	“Well in in this neighborhood I have walked, not at all”: Stroke survivors lived experience in the outdoor environment. <i>Social Science and Medicine</i> , 2022, , 115107.	1.8	2
119	Assessing urban walking trail use and changes in the trail environment using systematic observational protocols. <i>Health and Place</i> , 2012, 18, 991-999.	1.5	1
120	What influences park use and physical activity?. <i>Translational Behavioral Medicine</i> , 2014, 4, 130-130.	1.2	1
121	The Effects of a Park Awareness Campaign on Rural Park Use and Physical Activity. <i>Journal of Public Health Management and Practice</i> , 2017, 23, e25-e28.	0.7	1
122	Operationalizing and Testing the Concept of a Physical Activity Desert. <i>Journal of Physical Activity and Health</i> , 2021, 18, 533-540.	1.0	1
123	Physical Activity Programming for Older Adults in Assisted Living: Residents’ Perspectives. <i>Western Journal of Nursing Research</i> , 2023, 45, 105-116.	0.6	1
124	Agreement between Four Different Methods Assessing Physical Activity or Cardiorespiratory Fitness. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 609.	0.2	0